

# **DRUG-INDUCED DEATHS DATA SUMMARY**

## **IDAHO**

**Drug-Induced Deaths to Idaho Residents and  
Drug-Induced Deaths to Idaho Residents Occurring in Idaho**

**2004-2006**

**Bureau of Vital Records and Health Statistics  
Division of Health  
Idaho Department of Health and Welfare**

**April 2008**

## TABLE OF CONTENTS

|  | <u>Page</u> |
|--|-------------|
| Definition .....   | 1           |
| <br><b><u>Drug-Induced Deaths to Idaho Residents</u></b>                           |             |
| Limitations and summary .....  | 2           |
| Drug-induced deaths by place of death (Table 1) .....                              | 3           |
| Drug-induced deaths by occurrence (numbers and rates) (Table 2a) .....             | 3           |
| Drug-induced deaths by occurrence (percent) (Table 2b) .....                       | 3           |
| Drug-induced deaths by cause of death (Idaho and the U.S.) (Table 3) .....         | 4           |
| <br><b><u>Drug-Induced Deaths to Idaho Residents Occurring in Idaho</u></b>        |             |
| Limitations and summary .....  | 5           |
| Substances mentioned on death certificate by year, 2004-2006 (Table 4) .....       | 6           |
| Substances mentioned on death certificate by district of residence (Table 5) ..... | 7           |
| Substances mentioned on death certificate by age group and gender (Table 6) .....  | 8           |
| Substances mentioned on death certificate by manner, (Table 7) .....               | 9           |
| <br><b><u>Appendix</u></b>   |             |
| Drug-induced death certificate samples .....                                       | 10          |
| Counties comprising Idaho public health districts .....                            | 12          |
| Technical Notes .....  | 13          |

## **DRUG-INDUCED DEATHS 2004-2006**

### **Definition**

Drug-Induced deaths to Idaho residents include all deaths where drug use/abuse was listed as an underlying cause of death, regardless of where the death occurred. Drug-induced deaths include illicit, prescription, and over-the-counter drugs.

Drug-induced deaths include deaths due to drug psychosis drug dependence including tobacco; nondependent use of drugs not including alcohol and tobacco; accidental poisoning by drugs, medicaments, and biologicals; intentional self-poisoning (suicide) by drugs, medicaments, and biologicals; assault (homicide) by poisoning by drugs and medicaments; and poisoning by drugs, medicaments, and biologicals, undetermined whether accidental or purposely inflicted.

Drug-induced deaths do not include newborn deaths associated with mother's drug use, accidents such as falls and motor vehicle crashes, homicides, and other causes indirectly related to drug use.

The question 'Did tobacco use contribute to cause of death?' was added to the death certificate in 2003. Prior to 2003, deaths that were ill-defined or had an unknown cause of mortality listed on the death certificate were coded to ICD-10 codes R96-R99.9, (Ill-defined and unknown causes of mortality). Beginning in 2003, deaths that were ill-defined or had an unknown cause of mortality listed on the death certificate were coded to ICD-10 codes R96-R99.9, if the question 'Did tobacco use contribute to cause of death?' was marked no or unknown. If the question 'Did tobacco use contribute to cause of death?' was marked yes or probably, deaths that were ill-defined or had an unknown cause of mortality listed on the death certificate were coded to ICD-10 code F17.9, mental and behavioral disorders due to use of tobacco.

Death certificates with the verbiage 'abuse' or 'usage' will be coded to a natural manner of death, F19.1, (Mental and behavioral disorders due to multiple drug use and use of other psychoactive substances). Death certificates with the verbiage 'overdose' will be coded to an accidental manner of death.

## **IDAHO RESIDENT DRUG-INDUCED DEATHS 2004-2006**

### **Limitations**

Idaho Vital Records receives death records for Idaho resident deaths occurring out of state. These records list the ICD-10 code for underlying cause of death. However, literal information on immediate cause, conditions leading to the immediate cause, underlying cause, other significant contributing conditions, and description of how the injury occurred are not provided to Idaho Vital Records. For this reason, the table containing data by cause of death is analyzed from the ICD-10 code only.

### **Summary**

There were 375 drug-induced deaths to Idaho residents from 2004 to 2006. Table 1 shows that a total of 342 deaths (91.2 percent) occurred in Idaho. The number of drug-induced deaths increased 30.6 percent from 111 deaths in 2004 to 145 deaths in 2006.

Table 2a indicates the 2004 through 2006 average-annual drug-induced death rate for Idaho was 8.7 deaths per 100,000 population. The 2004 through 2006 average-annual drug-induced death rate for District 3 (6.1 deaths per 100,000 population) was 51.5 percent lower than the rest of the state. The 2004 through 2006 average-annual drug-induced death rate for District 2 (11.3 deaths per 100,000 population) was 32.1 percent higher than the rest of the state.

Table 3 contains drug-induced deaths for Idaho residents from 2004 through 2006 and for the U.S. for 2005. The drug-induced death rate for the U.S. (11.3 deaths per 100,000 population) was significantly higher than the rate observed in Idaho (8.7 deaths per 100,000 population). Much of the difference can be attributed to the higher rate of accidental drug-induced deaths in the United States. The accidental drug-induced death rate for the U.S. was 52.0 percent higher than the Idaho rate. The suicide drug-induced death rate was 1.4 deaths per 100,000 population in the U.S. and Idaho. Coroners were unable to determine the intent for 15.2 percent of all drug-induced deaths for Idaho residents and 9.1 percent for the United States.

**TABLE 1**  
**Idaho Resident Drug-Induced Deaths**  
**by Place of Death (In Idaho and Out of State)**  
**2004-2006**

| IDAHO RESIDENT DRUG-INDUCED DEATHS                  | TOTAL      |              | 2004       |              | 2005       |              | 2006       |              |
|---|------------|--------------|------------|--------------|------------|--------------|------------|--------------|
|   | Number     | Percent      | Number     | Percent      | Number     | Percent      | Number     | Percent      |
| <b>Total Drug-Induced Deaths to Idaho Residents</b> | <b>375</b> | <b>100.0</b> | <b>111</b> | <b>100.0</b> | <b>119</b> | <b>100.0</b> | <b>145</b> | <b>100.0</b> |
| Deaths Occurring Out of State                       | 33         | 8.8          | 14         | 12.6         | 8          | 6.7          | 11         | 7.6          |
| Deaths Occurring In Idaho                           | 342        | 91.2         | 97         | 87.4         | 111        | 93.3         | 134        | 92.4         |

**TABLE 2A**  
**Idaho Resident Drug-Induced Deaths**  
**Number and Average-Annual Rate by District of Residence**  
**2004-2006**

| IDAHO RESIDENT DRUG-INDUCED DEATHS                    | TOTAL      | DISTRICT OF RESIDENCE |           |           |            |           |           |           |
|---|------------|-----------------------|-----------|-----------|------------|-----------|-----------|-----------|
|   |            | 1                     | 2         | 3         | 4          | 5         | 6         | 7         |
| <b>Total Drug-Induced Deaths to Idaho Residents</b>   | <b>375</b> | <b>61</b>             | <b>34</b> | <b>42</b> | <b>116</b> | <b>38</b> | <b>51</b> | <b>33</b> |
| Number of Deaths Occurring Out of State               | 33         | 9                     | 7         | 3         | 6          | 2         | 4         | 2         |
| Number of Deaths Occurring In Idaho                   | 342        | 52                    | 27        | 39        | 110        | 36        | 47        | 31        |
| Average-Annual Idaho Resident Death Rate <sup>1</sup> | 8.7        | 10.1                  | 11.3      | 6.1       | 9.9        | 7.4       | 10.5      | 6.2       |

1. Rate: Average number of drug-induced deaths per 100,000 population. Rates are based on mid-year population.

**TABLE 2B**  
**Idaho Resident Drug-Induced Deaths**  
**Percent by District of Residence**  
**2004-2006**

| IDAHO RESIDENT DRUG-INDUCED DEATHS       | TOTAL | DISTRICT OF RESIDENCE |       |       |       |       |       |       |
|--|-------|-----------------------|-------|-------|-------|-------|-------|-------|
|  |       | 1                     | 2     | 3     | 4     | 5     | 6     | 7     |
| Percent of Deaths Occurring Out of State | 8.8%  | 14.8%                 | 20.6% | 7.1%  | 5.2%  | 5.3%  | 7.8%  | 6.1%  |
| Percent of Deaths Occurring In Idaho     | 91.2% | 85.2%                 | 79.4% | 92.9% | 94.8% | 94.7% | 92.2% | 93.9% |

See Technical Notes for additional information.

**TABLE 3**  
**Drug-Induced Deaths**  
**Idaho (2004-2006), United States (2005)**

| CAUSE OF DEATH  | ICD-10 CODE | IDAHO      |                   |              | UNITED STATES |                   |              |
|---|-------------|------------|-------------------|--------------|---------------|-------------------|--------------|
|   |             | Number     | Rate <sup>1</sup> | Percent      | Number        | Rate <sup>1</sup> | Percent      |
| <b>Total Drug-Induced Deaths</b>  | Footnote 2  | <b>375</b> | <b>8.7</b>        | <b>100.0</b> | <b>33,541</b> | <b>11.3</b>       | <b>100.0</b> |
| <b><i>Total Psychoactive Substance and Drug Use/Abuse</i></b>                                       | Footnote 3  | <b>38</b>  | <b>0.9</b>        | <b>10.1</b>  | <b>3,714</b>  | <b>1.3</b>        | <b>11.1</b>  |
| Mental and behavioral disorders due to use of tobacco   | Footnote 4  | 29         | 0.7               | 7.7          | 1,100         | 0.4               | 3.3          |
| Mental and behavioral disorders due to other drugs  | Footnote 5  | 9          | 0.2               | 2.4          | 2,614         | 0.9               | 7.8          |
| <b><i>Accidental Poisoning by Drugs</i></b>   | X40-X44     | <b>213</b> | <b>5.0</b>        | <b>56.8</b>  | <b>22,448</b> | <b>7.6</b>        | <b>66.9</b>  |
| Nonopioid analgesics, antipyretics, and antirheumatics  | X40         | 1          | **                | 0.3          | 226           | 0.1               | 0.7          |
| Antiepileptic, sedative-hypnotic, antiparkinsonism and psychotropic drugs, not elsewhere classified | X41         | 34         | 0.8               | 9.1          | 1,496         | 0.5               | 4.5          |
| Narcotics and psychodysleptics (hallucinogens), not elsewhere classified                            | X42         | 77         | 1.8               | 20.5         | 11,050        | 3.7               | 32.9         |
| Other drugs acting on the autonomic nervous system  | X43         | -          | -                 | -            | 23            | **                | 0.1          |
| Other and unspecified drugs, medicaments, and biological substances                                 | X44         | 101        | 2.4               | 26.9         | 9,653         | 3.3               | 28.8         |
| <b><i>Intentional Self-Harm (Suicide) by Drugs</i></b>  | X60-X64     | <b>62</b>  | <b>1.4</b>        | <b>16.5</b>  | <b>4,240</b>  | <b>1.4</b>        | <b>12.6</b>  |
| Nonopioid analgesics, antipyretics, and antirheumatics  | X60         | 4          | 0.1               | 1.1          | 243           | 0.1               | 0.7          |
| Antiepileptic, sedative-hypnotic, antiparkinsonism and psychotropic drugs, not elsewhere classified | X61         | 13         | 0.3               | 3.5          | 930           | 0.3               | 2.8          |
| Narcotics and psychodysleptics (hallucinogens), not elsewhere classified                            | X62         | 6          | 0.1               | 1.6          | 613           | 0.2               | 1.8          |
| Other drugs acting on the autonomic nervous system  | X63         | -          | -                 | -            | 16            | **                | **           |
| Other and unspecified drugs, medicaments, and biological substances                                 | X64         | 39         | 0.9               | 10.4         | 2,438         | 0.8               | 7.3          |
| <b><i>Assault (Homicide) by Drugs, Medicaments, and Biological Substances</i></b>                   | X85         | <b>4</b>   | <b>0.1</b>        | <b>1.1</b>   | <b>57</b>     | <b>**</b>         | <b>0.2</b>   |
| <b><i>Undetermined Intent Poisoning by Drugs</i></b>  | Y10-Y14     | <b>57</b>  | <b>1.3</b>        | <b>15.2</b>  | <b>3,068</b>  | <b>1.0</b>        | <b>9.1</b>   |
| Nonopioid analgesics, antipyretics, and antirheumatics  | Y10         | 1          | **                | 0.3          | 71            | **                | 0.2          |
| Antiepileptic, sedative-hypnotic, antiparkinsonism and psychotropic drugs, not elsewhere classified | Y11         | 4          | 0.1               | 1.1          | 290           | 0.1               | 0.9          |
| Narcotics and psychodysleptics (hallucinogens), not elsewhere classified                            | Y12         | 13         | 0.3               | 3.5          | 1,411         | 0.5               | 4.2          |
| Other drugs acting on the autonomic nervous system  | Y13         | -          | -                 | -            | 5             | **                | **           |
| Other and unspecified drugs, medicaments, and biological substances                                 | Y14         | 39         | 0.9               | 10.4         | 1,291         | 0.4               | 3.8          |
| <b><i>Other Drug-Related Deaths</i></b>   | Footnote 6  | <b>1</b>   | <b>0.0</b>        | <b>0.3</b>   | <b>14</b>     | <b>**</b>         | <b>**</b>    |

1. Rates are per 100,000 population. Idaho rates are based on mid-year population.

2. See Technical Notes for a full list of ICD-10 codes for drug-induced deaths.

3. ICD-10 Codes for total psychoactive substance and drug use/abuse deaths: F11.0-F11.5, F11.7-F11.9, F12.0-F12.5, F12.7-F12.9, F13.0-F13.5, F13.7-F13.9, F14.0-F14.5, F14.7-F14.9, F15.0-F15.5, F15.7-F15.9, F16.0-F16.5, F16.7-F16.9, F17.0, F17.3-F17.5, F17.7-F17.9, F18.0-F18.5, F18.7-F18.9, F19.0-F19.5, and F19.7-F19.9.

4. ICD-10 Codes for mental and behavioral disorders due to use of tobacco: F17.0, F17.3-F17.5, and F17.7-F17.9.

5. ICD-10 Codes for mental and behavioral disorders due to other drugs: F11.0-F11.5, F11.7-F11.9, F12.0-F12.5, F12.7-F12.9, F13.0-F13.5, F13.7-F13.9, F14.0-F14.5, F14.7-F14.9, F15.0-F15.5, F15.7-F15.9, F16.0-F16.5, F16.7-F16.9, F18.0-F18.5, F18.7-F18.9, F19.0-F19.5, and F19.7-F19.9.

6. ICD-10 Codes for other drug-related deaths: D52.1, D59.0, D59.2, D61.1, D64.2, E06.4, E16.0, E23.1, E24.2, E27.3, E66.1, G21.1, G24.0, G25.1, G25.4, G25.6, G44.4, G62.0, G72.0, I95.2, J70.2-J70.4, L10.5, L27.0, L27.1, M10.2, M32.0, M80.4, M81.4, M83.5, M87.1, R78.1-R78.5.

\*\* Represents a percent that rounds to less than 0.1% or a rate that rounds to less than 0.1 per 100,000 population. Dash (-) represents zero.

## **IDAHO RESIDENT DRUG-INDUCED DEATHS OCCURRING IN IDAHO 2004-2006**

### **Limitations**

Idaho Vital Records receives death records for Idaho resident deaths occurring out of state. These records list the ICD-10 code for underlying cause of death. However, literal information on immediate cause, conditions leading to the immediate cause, underlying cause, other significant contributing conditions, and description of how the injury occurred are not provided to Idaho Vital Records. For this reason, the tables containing data broken out by substances listed on the death certificate are limited to Idaho resident deaths occurring in Idaho only.

### **Summary**

There were 342 drug-induced deaths to Idaho residents occurring in Idaho from 2004 to 2006. The number of Idaho resident drug-induced deaths occurring in Idaho increased 38.1 percent from 97 deaths in 2004 to 134 deaths in 2006.

The literal section of the death certificate allows the coroner/physician to list the substance(s) taken by the decedent. Table 4 shows that the most common substance listed on the death certificate among Idaho residents who died in Idaho was Methadone (18.7 percent) followed by antidepressants (10.8 percent), and Benzodiazepine (10.5 percent). A total of 27.8 percent of all drug-induced deaths occurring in Idaho to Idaho residents did not mention a specific drug. Of the 342 drug-induced deaths, 49 (14.3 percent) also listed alcohol.

Table 6 indicates that individuals aged 35-54 accounted for 58.5 percent of the drug-induced deaths to Idaho residents occurring in Idaho. Only 7.3 percent of all deaths were to Idahoans 65 and older. Males accounted for 55.8 percent of all the drug-induced deaths to Idaho residents occurring in Idaho.

The manner of death for drug-induced deaths to Idaho residents occurring in Idaho is shown in Table 7. The majority (55.8 percent) of the drug-induced deaths to Idaho residents occurring in Idaho were the result of unintentional or accidental poisoning. An additional 0.9 percent were homicides, 10.2 percent natural, 16.1 percent suicides, and 17.0 percent were undetermined. Of the natural deaths, Mental and behavioral disorders due to use of tobacco accounted for 77.1 percent, an additional 20.0 percent were caused by Mental and behavioral disorders due to multiple drug use and use of other psychoactive substances.

**TABLE 4**  
**Idaho Resident Drug-Induced Deaths Occurring in Idaho**  
**Substances Mentioned on Death Certificate by Year**  
**2004-2006**

| SUMMARY OF SUBSTANCES MENTIONED ON DEATH CERTIFICATE                                     | TOTAL      |              | YEAR       |            |            |
|--|------------|--------------|------------|------------|------------|
|  | Number     | Percent      | 2004       | 2005       | 2006       |
| <b>Total Drug-Induced Deaths to Idaho Residents Occurring in Idaho</b>                   | <b>342</b> | <b>100.0</b> | <b>97</b>  | <b>111</b> | <b>134</b> |
| <b>Substances Listed on Death Certificates*</b>  | <b>543</b> | <b>100.0</b> | <b>159</b> | <b>172</b> | <b>212</b> |
| <b><i>Total Nonopioid Analgesics, Antipyretics, and Antirheumatics</i></b>               | <b>6</b>   | <b>1.8</b>   | <b>1</b>   | <b>1</b>   | <b>4</b>   |
| Salicylates/Acetylsalicylic (aspirin)  | 1          | 0.3          | 1          | -          | -          |
| Other (inc. 4-aminophenol, NSAID, pyrazolone)  | 5          | 1.5          | -          | 1          | 4          |
| <b><i>Total Antiepileptic, Sedative-Hypnotic, Antiparkinsonism, and Psychotropic</i></b> | <b>138</b> | <b>40.4</b>  | <b>43</b>  | <b>51</b>  | <b>44</b>  |
| Amphetamine  | 5          | 1.5          | 2          | 3          | -          |
| Antidepressants  | 37         | 10.8         | 11         | 17         | 9          |
| Antipsychotics   | 9          | 2.6          | 3          | 3          | 3          |
| Barbiturates   | 1          | 0.3          | -          | 1          | -          |
| Benzodiazepine   | 36         | 10.5         | 6          | 11         | 19         |
| Gamma-hydroxybutyrate (GHB)  | -          | -            | -          | -          | -          |
| Methamphetamine  | 28         | 8.2          | 9          | 13         | 6          |
| Muscle relaxants   | 12         | 3.5          | 5          | 3          | 4          |
| Other (inc. antianxiety, antitussive, sedatives, tranquilizers, etc.)                    | 10         | 2.9          | 7          | -          | 3          |
| <b><i>Total Narcotics and Psychodysleptics (hallucinogens)</i></b>                       | <b>192</b> | <b>56.1</b>  | <b>62</b>  | <b>51</b>  | <b>79</b>  |
| Cannabis (Marijuana)   | -          | -            | -          | -          | -          |
| Cocaine  | 3          | 0.9          | 2          | 1          | -          |
| Codeine  | 8          | 2.3          | 1          | 2          | 5          |
| Heroin   | 12         | 3.5          | 5          | 3          | 4          |
| Hydrocodone / Hydrocodone and Acetaminophen combinations                                 | 35         | 10.2         | 11         | 10         | 14         |
| Methadone  | 64         | 18.7         | 21         | 11         | 32         |
| Morphine   | 15         | 4.4          | 5          | 2          | 8          |
| Oxycodone / Oxycontin  | 25         | 7.3          | 8          | 10         | 7          |
| Other (inc. LSD, mescaline, opium/alkaloids)   | 23         | 6.7          | 8          | 8          | 7          |
| Drug overdose of narcotic drug(s), narcotic drug(s) not listed                           | 7          | 2.0          | 1          | 4          | 2          |
| <b><i>Other Known (named), Medicaments, and Biological Substances</i></b>                | <b>35</b>  | <b>10.2</b>  | <b>7</b>   | <b>14</b>  | <b>14</b>  |
| Antihistamines   | 24         | 7.0          | 3          | 10         | 11         |
| Other (inc. antiemetics, antihypertensive, insulin, anticonvulsant, etc.)                | 11         | 3.2          | 4          | 4          | 3          |
| <b><i>Alcohol in combination with a drug(s)</i></b>                                      | <b>49</b>  | <b>14.3</b>  | <b>11</b>  | <b>16</b>  | <b>22</b>  |
| <b><i>Tobacco Use</i></b>  | <b>28</b>  | <b>8.2</b>   | <b>9</b>   | <b>8</b>   | <b>11</b>  |
| <b><i>Specific Drug, Medicament, or Biological Substance Not Listed</i></b>              | <b>95</b>  | <b>27.8</b>  | <b>26</b>  | <b>31</b>  | <b>38</b>  |
| Drug use/overdose, no mention of type of drug(s)   | 45         | 13.2         | 11         | 15         | 19         |
| Drug use/overdose of pain medication(s), pain medication(s) not listed                   | -          | -            | -          | -          | -          |
| Drug use/overdose of prescription drug(s), prescription drug(s) not listed               | 50         | 14.6         | 15         | 16         | 19         |

\* Each death certificate may list one or more specific substance(s) or no specific substance.

See Technical Notes for additional information.



**TABLE 5**  
**Idaho Resident Drug-Induced Deaths Occurring in Idaho**  
**Substances Mentioned on Death Certificate by District of Residence**  
**2004-2006**

| SUMMARY OF SUBSTANCES MENTIONED ON DEATH CERTIFICATE                              | TOTAL      | DISTRICT OF RESIDENCE |           |           |            |           |           |           |
|---|------------|-----------------------|-----------|-----------|------------|-----------|-----------|-----------|
|   |            | 1                     | 2         | 3         | 4          | 5         | 6         | 7         |
| <b>Total Drug-Induced Deaths to Idaho Residents Occurring in Idaho</b>            | <b>342</b> | <b>52</b>             | <b>27</b> | <b>39</b> | <b>110</b> | <b>36</b> | <b>47</b> | <b>31</b> |
| <b>Substances Listed on Death Certificates*</b>                                   | <b>543</b> | <b>108</b>            | <b>36</b> | <b>53</b> | <b>203</b> | <b>51</b> | <b>55</b> | <b>37</b> |
| <b>Total Nonopioid Analgesics, Antipyretics, and Antirheumatics</b>               | <b>6</b>   | <b>3</b>              | <b>-</b>  | <b>1</b>  | <b>2</b>   | <b>-</b>  | <b>-</b>  | <b>-</b>  |
| Salicylates/Acetylsalicylic (aspirin)   | 1          | -                     | -         | -         | 1          | -         | -         | -         |
| Other (inc. 4-aminophenol, NSAID, pyrazolone)                                     | 5          | 3                     | -         | 1         | 1          | -         | -         | -         |
| <b>Total Antiepileptic, Sedative-Hypnotic, Antiparkinsonism, and Psychotropic</b> | <b>138</b> | <b>25</b>             | <b>7</b>  | <b>13</b> | <b>70</b>  | <b>10</b> | <b>7</b>  | <b>6</b>  |
| Amphetamine   | 5          | 2                     | 1         | 1         | 1          | -         | -         | -         |
| Antidepressants   | 37         | 3                     | 3         | 1         | 22         | 2         | 2         | 4         |
| Antipsychotics  | 9          | -                     | 1         | 3         | 4          | 1         | -         | -         |
| Barbiturates  | 1          | -                     | -         | -         | -          | -         | -         | 1         |
| Benzodiazepine  | 36         | 14                    | 1         | 1         | 16         | -         | 3         | 1         |
| Gamma-hydroxybutyrate (GHB)   | -          | -                     | -         | -         | -          | -         | -         | -         |
| Methamphetamine   | 28         | 3                     | 1         | 3         | 16         | 3         | 2         | -         |
| Muscle relaxants  | 12         | 3                     | -         | 1         | 5          | 3         | -         | -         |
| Other (inc. antianxiety, antitussive, sedatives, tranquilizers, etc.)             | 10         | -                     | -         | 3         | 6          | 1         | -         | -         |
| <b>Total Narcotics and Psychodysleptics (hallucinogens)</b>                       | <b>192</b> | <b>45</b>             | <b>11</b> | <b>10</b> | <b>94</b>  | <b>14</b> | <b>12</b> | <b>6</b>  |
| Cannabis (Marijuana)  | -          | -                     | -         | -         | -          | -         | -         | -         |
| Cocaine   | 3          | 1                     | -         | -         | 2          | -         | -         | -         |
| Codeine   | 8          | -                     | 1         | 1         | 4          | 1         | 1         | -         |
| Heroin  | 12         | -                     | -         | 3         | 9          | -         | -         | -         |
| Hydrocodone / Hydrocodone and Acetaminophen combinations                          | 35         | 7                     | 1         | 2         | 22         | 2         | 1         | -         |
| Methadone   | 64         | 18                    | 5         | 1         | 27         | 5         | 3         | 5         |
| Morphine  | 15         | 3                     | -         | 1         | 8          | 2         | 1         | -         |
| Oxycodone / Oxycontin   | 25         | 9                     | -         | -         | 10         | 3         | 2         | 1         |
| Other (inc. LSD, mescaline, opium/alkaloids)                                      | 23         | 7                     | 1         | 2         | 11         | 1         | 1         | -         |
| Drug overdose of narcotic drug(s), narcotic drug(s) not listed                    | 7          | -                     | 3         | -         | 1          | -         | 3         | -         |
| <b>Other Known (named), Medicaments, and Biological Substances</b>                | <b>35</b>  | <b>13</b>             | <b>-</b>  | <b>-</b>  | <b>11</b>  | <b>8</b>  | <b>2</b>  | <b>1</b>  |
| Antihistamines  | 24         | 8                     | -         | -         | 9          | 7         | -         | -         |
| Other (inc. antiemetics, antihypertensive, insulin, anticonvulsant, etc.)         | 11         | 5                     | -         | -         | 2          | 1         | 2         | 1         |
| <b>Alcohol in combination with a drug(s)</b>                                      | <b>49</b>  | <b>12</b>             | <b>3</b>  | <b>7</b>  | <b>15</b>  | <b>5</b>  | <b>3</b>  | <b>4</b>  |
| <b>Tobacco Use</b>  | <b>28</b>  | <b>1</b>              | <b>1</b>  | <b>8</b>  | <b>8</b>   | <b>3</b>  | <b>3</b>  | <b>4</b>  |
| <b>Specific Drug, Medicament, or Biological Substance Not Listed</b>              | <b>95</b>  | <b>9</b>              | <b>14</b> | <b>14</b> | <b>3</b>   | <b>11</b> | <b>28</b> | <b>16</b> |
| Drug use/overdose, no mention of type of drug(s)                                  | 45         | 8                     | 9         | 4         | 3          | 4         | 14        | 3         |
| Drug use/overdose of pain medication(s), pain medication(s) not listed            | -          | -                     | -         | -         | -          | -         | -         | -         |
| Drug use/overdose of prescription drug(s), prescription drug(s) not listed        | 50         | 1                     | 5         | 10        | -          | 7         | 14        | 13        |

\* Each death certificate may list one or more specific substance(s) or no specific substance.  
See Technical Notes for additional information.

**TABLE 6**  
**Idaho Resident Drug-Induced Deaths Occurring in Idaho**  
**Substances Mentioned on Death Certificate by Age Group and Gender**  
**2004-2006**

| SUMMARY OF SUBSTANCES MENTIONED ON DEATH CERTIFICATE                              | TOTAL      | AGE GROUP  |            |            |           |           | GENDER     |            |
|---|------------|------------|------------|------------|-----------|-----------|------------|------------|
|   |            | <35        | 35-44      | 45-54      | 55-64     | 65+       | Female     | Male       |
| <b>Total Drug-Induced Deaths to Idaho Residents Occurring in Idaho</b>            | <b>342</b> | <b>73</b>  | <b>102</b> | <b>98</b>  | <b>44</b> | <b>25</b> | <b>151</b> | <b>191</b> |
| <b>Substances Listed on Death Certificates*</b>                                   | <b>543</b> | <b>123</b> | <b>181</b> | <b>143</b> | <b>65</b> | <b>31</b> | <b>247</b> | <b>296</b> |
| <b>Total Nonopioid Analgesics, Antipyretics, and Antirheumatics</b>               | <b>6</b>   | <b>1</b>   | <b>-</b>   | <b>2</b>   | <b>2</b>  | <b>1</b>  | <b>5</b>   | <b>1</b>   |
| Salicylates/Acetylsalicylic (aspirin)   | 1          | -          | -          | 1          | -         | -         | 1          | -          |
| Other (inc. 4-aminophenol, NSAID, pyrazolone)                                     | 5          | 1          | -          | 1          | 2         | 1         | 4          | 1          |
| <b>Total Antiepileptic, Sedative-Hypnotic, Antiparkinsonism, and Psychotropic</b> | <b>138</b> | <b>29</b>  | <b>60</b>  | <b>35</b>  | <b>11</b> | <b>3</b>  | <b>71</b>  | <b>67</b>  |
| Amphetamine   | 5          | 1          | 3          | -          | 1         | -         | 2          | 3          |
| Antidepressants   | 37         | 6          | 18         | 9          | 4         | -         | 24         | 13         |
| Antipsychotics  | 9          | 1          | 3          | 5          | -         | -         | 6          | 3          |
| Barbiturates  | 1          | 1          | -          | -          | -         | -         | -          | 1          |
| Benzodiazepine  | 36         | 7          | 13         | 10         | 5         | 1         | 18         | 18         |
| Gamma-hydroxybutyrate (GHB)   | -          | -          | -          | -          | -         | -         | -          | -          |
| Methamphetamine   | 28         | 7          | 13         | 7          | 1         | -         | 6          | 22         |
| Muscle relaxants  | 12         | 2          | 7          | 2          | -         | 1         | 7          | 5          |
| Other (inc. antianxiety, antitussive, sedatives, tranquilizers, etc.)             | 10         | 4          | 3          | 2          | -         | 1         | 8          | 2          |
| <b>Total Narcotics and Psychodysleptics (hallucinogens)</b>                       | <b>192</b> | <b>53</b>  | <b>64</b>  | <b>49</b>  | <b>20</b> | <b>6</b>  | <b>76</b>  | <b>116</b> |
| Cannabis (Marijuana)  | -          | -          | -          | -          | -         | -         | -          | -          |
| Cocaine   | 3          | 1          | 1          | 1          | -         | -         | -          | 3          |
| Codeine   | 8          | 2          | 2          | 3          | 1         | -         | 4          | 4          |
| Heroin  | 12         | 3          | 1          | 7          | 1         | -         | -          | 12         |
| Hydrocodone / Hydrocodone and Acetaminophen combinations                          | 35         | 8          | 14         | 6          | 6         | 1         | 19         | 16         |
| Methadone   | 64         | 24         | 16         | 17         | 6         | 1         | 26         | 38         |
| Morphine  | 15         | 2          | 8          | 3          | 2         | -         | 5          | 10         |
| Oxycodone / Oxycontin   | 25         | 5          | 11         | 6          | 2         | 1         | 10         | 15         |
| Other (inc. LSD, mescaline, opium/alkaloids)                                      | 23         | 5          | 9          | 4          | 2         | 3         | 9          | 14         |
| Drug overdose of narcotic drug(s), narcotic drug(s) not listed                    | 7          | 3          | 2          | 2          | -         | -         | 3          | 4          |
| <b>Other Known (named), Medicaments, and Biological Substances</b>                | <b>35</b>  | <b>10</b>  | <b>14</b>  | <b>4</b>   | <b>3</b>  | <b>4</b>  | <b>21</b>  | <b>14</b>  |
| Antihistamines  | 24         | 10         | 9          | 2          | 2         | 1         | 15         | 9          |
| Other (inc. antiemetics, antihypertensive, insulin, anticonvulsant, etc.)         | 11         | -          | 5          | 2          | 1         | 3         | 6          | 5          |
| <b>Alcohol in combination with a drug(s)</b>                                      | <b>49</b>  | <b>12</b>  | <b>13</b>  | <b>16</b>  | <b>6</b>  | <b>2</b>  | <b>15</b>  | <b>34</b>  |
| <b>Tobacco Use</b>  | <b>28</b>  | <b>-</b>   | <b>1</b>   | <b>3</b>   | <b>11</b> | <b>13</b> | <b>11</b>  | <b>17</b>  |
| <b>Specific Drug, Medicament, or Biological Substance Not Listed</b>              | <b>95</b>  | <b>18</b>  | <b>29</b>  | <b>34</b>  | <b>12</b> | <b>2</b>  | <b>48</b>  | <b>47</b>  |
| Drug use/overdose, no mention of type of drug(s)                                  | 45         | 10         | 16         | 15         | 4         | -         | 23         | 22         |
| Drug use/overdose of pain medication(s), pain medication(s) not listed            | -          | -          | -          | -          | -         | -         | -          | -          |
| Drug use/overdose of prescription drug(s), prescription drug(s) not listed        | 50         | 8          | 13         | 19         | 8         | 2         | 25         | 25         |

\* Each death certificate may list one or more specific substance(s) or no specific substance.  
See Technical Notes for additional information.

**TABLE 7**  
**Idaho Resident Drug-Induced Deaths Occurring in Idaho**  
**Substances Mentioned on Death Certificate by Manner of Death**  
**2004-2006**

| SUMMARY OF SUBSTANCES MENTIONED ON DEATH CERTIFICATE                                     | TOTAL      | MANNER OF DEATH |          |           |           |              |
|--|------------|-----------------|----------|-----------|-----------|--------------|
|  |            | Accident        | Homicide | Natural   | Suicide   | Undetermined |
| <b>Total Drug-Induced Deaths to Idaho Residents Occurring in Idaho</b>                   | <b>342</b> | <b>191</b>      | <b>3</b> | <b>35</b> | <b>55</b> | <b>58</b>    |
| <b>Substances Listed on Death Certificates*</b>  | <b>543</b> | <b>307</b>      | <b>3</b> | <b>41</b> | <b>98</b> | <b>94</b>    |
| <b><i>Total Nonopioid Analgesics, Antipyretics, and Antirheumatics</i></b>               | <b>6</b>   | <b>1</b>        | <b>-</b> | <b>1</b>  | <b>3</b>  | <b>1</b>     |
| Salicylates/Acetylsalicylic (aspirin)  | 1          | -               | -        | -         | 1         | -            |
| Other (inc. 4-aminophenol, NSAID, pyrazolone)  | 5          | 1               | -        | 1         | 2         | 1            |
| <b><i>Total Antiepileptic, Sedative-Hypnotic, Antiparkinsonism, and Psychotropic</i></b> | <b>138</b> | <b>75</b>       | <b>-</b> | <b>1</b>  | <b>30</b> | <b>32</b>    |
| Amphetamine  | 5          | -               | -        | 1         | 2         | 2            |
| Antidepressants  | 37         | 17              | -        | -         | 6         | 14           |
| Antipsychotics   | 9          | 3               | -        | -         | 4         | 2            |
| Barbiturates   | 1          | 1               | -        | -         | -         | -            |
| Benzodiazepine   | 36         | 22              | -        | -         | 9         | 5            |
| Gamma-hydroxybutyrate (GHB)  | -          | -               | -        | -         | -         | -            |
| Methamphetamine  | 28         | 23              | -        | -         | 1         | 4            |
| Muscle relaxants   | 12         | 6               | -        | -         | 3         | 3            |
| Other (inc. antianxiety, antitussive, sedatives, tranquilizers, etc.)                    | 10         | 3               | -        | -         | 5         | 2            |
| <b><i>Total Narcotics and Psychodysleptics (hallucinogens)</i></b>                       | <b>192</b> | <b>138</b>      | <b>-</b> | <b>1</b>  | <b>20</b> | <b>33</b>    |
| Cannabis (Marijuana)   | -          | -               | -        | -         | -         | -            |
| Cocaine  | 3          | 2               | -        | -         | -         | 1            |
| Codeine  | 8          | 6               | -        | -         | 1         | 1            |
| Heroin   | 12         | 12              | -        | -         | -         | -            |
| Hydrocodone / Hydrocodone and Acetaminophen combinations                                 | 35         | 22              | -        | -         | 7         | 6            |
| Methadone  | 64         | 46              | -        | -         | 4         | 14           |
| Morphine   | 15         | 11              | -        | -         | 1         | 3            |
| Oxycodone / Oxycontin  | 25         | 17              | -        | 1         | 3         | 4            |
| Other (inc. LSD, mescaline, opium/alkaloids)   | 23         | 17              | -        | -         | 4         | 2            |
| Drug overdose of narcotic drug(s), narcotic drug(s) not listed                           | 7          | 5               | -        | -         | -         | 2            |
| <b><i>Other Known (named), Medicaments, and Biological Substances</i></b>                | <b>35</b>  | <b>14</b>       | <b>3</b> | <b>1</b>  | <b>14</b> | <b>3</b>     |
| Antihistamines   | 24         | 11              | 3        | -         | 8         | 2            |
| Other (inc. antiemetics, antihypertensive, insulin, anticonvulsant, etc.)                | 11         | 3               | -        | 1         | 6         | 1            |
| <b><i>Alcohol in combination with a drug(s)</i></b>                                      | <b>49</b>  | <b>31</b>       | <b>-</b> | <b>5</b>  | <b>11</b> | <b>2</b>     |
| <b><i>Tobacco Use</i></b>  | <b>28</b>  | <b>-</b>        | <b>-</b> | <b>27</b> | <b>-</b>  | <b>1</b>     |
| <b><i>Specific Drug, Medicament, or Biological Substance Not Listed</i></b>              | <b>95</b>  | <b>48</b>       | <b>-</b> | <b>5</b>  | <b>20</b> | <b>22</b>    |
| Drug use/overdose, no mention of type of drug(s)   | 45         | 24              | -        | 5         | 8         | 8            |
| Drug use/overdose of pain medication(s), pain medication(s) not listed                   | -          | -               | -        | -         | -         | -            |
| Drug use/overdose of prescription drug(s), prescription drug(s) not listed               | 50         | 24              | -        | -         | 12        | 14           |

\* Each death certificate may list one or more specific substance(s) or no specific substance.  
See Technical Notes for additional information.

## NATURAL EXAMPLE

According to The National Association of Medical Examiners, a drug overdose is determined natural when it is “due solely or nearly totally to disease/and or the aging process.”

The question 'Did tobacco use contribute to cause of death?' was added to the death certificate in 2003. If the question 'Did tobacco use contribute to cause of death?' was marked yes or probably, deaths that were ill-defined or had an unknown cause of mortality listed on the death certificate were coded to ICD-10 code F17.9, Mental and behavioral disorders due to use of tobacco.

| CAUSE OF DEATH  |   | Approximate Interval:<br>Onset to Death  |
|---|---|--|
| <b>PART I.</b> Enter the chain of events -- diseases, injuries, or complications -- that directly caused the death. DO NOT enter terminal events such as cardiac arrest, respiratory arrest, or ventricular fibrillation without showing the etiology. DO NOT ABBREVIATE. Enter only one cause on a line: |   |  |
| <b>IMMEDIATE CAUSE</b> (Final disease or condition resulting in death)  | a. <u>Respiratory failure</u><br>DUE TO (or as a consequence of):   | 5 years  |
| Sequentially list conditions, if any, leading to the cause listed on line a. Enter the <b>UNDERLYING CAUSE</b>  | b. _____<br>DUE TO (or as a consequence of):  |  |
| <b>LAST</b> (disease or injury that initiated the events)   | c. _____<br>DUE TO (or as a consequence of):  |  |
|   | d. _____  |  |
| <b>PART II.</b> Enter <u>other significant conditions contributing to death</u> but not resulting in the underlying cause given in Part I   |   | <b>MANNER OF DEATH</b><br><input checked="" type="checkbox"/> Natural <input type="checkbox"/> Homicide<br><input type="checkbox"/> Accident <input type="checkbox"/> Pending Investigation<br><input type="checkbox"/> Suicide <input type="checkbox"/> Could not be determined |
| <b>DID TOBACCO USE CONTRIBUTE TO DEATH?</b><br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> Probably <input type="checkbox"/> Unknown  | DESCRIBE HOW INJURY OCCURRED. IF TRANSPORTATION INJURY, STATE THE TYPE(S) OF VEHICLE(S) INVOLVED (Automobile, pickup, motorcycle, ATV, bicycle, etc.)<br>SPECIFY WHICH VEHICLE DECEDENT OCCUPIED, if applicable |  |

## UNDETERMINED EXAMPLE

According to The National Association of Medical Examiners, a drug overdose is undetermined when “the information pointing to one manner of death is no more compelling than one or more other competing manners of death when all information is considered.” In the absence of witnesses, the intent may never be known even after an extensive investigation.

Physicians and coroners can list out each individual substance that contributed to the decedent's cause of death or they can list the drug category. The decedent may have used several types of one category, such as an antidepressant. Therefore, the physician or coroner chooses to write ‘antidepressant’ rather than ‘Prozac’ and ‘Zoloft’. The underlying cause of death for this example is ICD-10 code Y14.

| CAUSE OF DEATH  |   | Approximate Interval:<br>Onset to Death  |
|---|---|--|
| <b>PART I.</b> Enter the chain of events -- diseases, injuries, or complications -- that directly caused the death. DO NOT enter terminal events such as cardiac arrest, respiratory arrest, or ventricular fibrillation without showing the etiology. DO NOT ABBREVIATE. Enter only one cause on a line: |   |  |
| <b>IMMEDIATE CAUSE</b> (Final disease or condition resulting in death)  | a. <u>Narcotic overdose</u><br>DUE TO (or as a consequence of):   | 36 hours   |
| Sequentially list conditions, if any, leading to the cause listed on line a. Enter the <b>UNDERLYING CAUSE</b>  | b. <u>Benzodiazepine overdose</u><br>DUE TO (or as a consequence of):   | 36 hours   |
| <b>LAST</b> (disease or injury that initiated the events)   | c. <u>Tricyclic antidepressant overdose</u><br>DUE TO (or as a consequence of):   | 36 hours   |
|   | d. _____  |  |
| <b>PART II.</b> Enter <u>other significant conditions contributing to death</u> but not resulting in the underlying cause given in Part I   |   | <b>MANNER OF DEATH</b><br><input type="checkbox"/> Natural <input type="checkbox"/> Homicide<br><input type="checkbox"/> Accident <input type="checkbox"/> Pending Investigation<br><input type="checkbox"/> Suicide <input checked="" type="checkbox"/> Could not be determined |
| <b>DID TOBACCO USE CONTRIBUTE TO DEATH?</b><br><input type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> Probably <input checked="" type="checkbox"/> Unknown  | DESCRIBE HOW INJURY OCCURRED. IF TRANSPORTATION INJURY, STATE THE TYPE(S) OF VEHICLE(S) INVOLVED (Automobile, pickup, motorcycle, ATV, bicycle, etc.)<br>SPECIFY WHICH VEHICLE DECEDENT OCCUPIED, if applicable<br>Ingested lethal dosage of prescription drugs |  |

## ACCIDENT EXAMPLE

According to The National Association of Medical Examiners, a drug overdose is determined an accident when “there is little or no evidence that the injury or poisoning occurred with intent to harm or cause death.”

The cause of death is a synthesis of all information derived from both the investigation into the circumstances surrounding the death and the autopsy, if performed. The medical examiner or coroner must use all the information from his or her own investigation, police reports, staff investigations, and discussions with the family and friends of the decedent to determine the manner of death. The underlying cause of death for this example is ICD-10 code X44.

| CAUSE OF DEATH   |   | Approximate Interval:<br>Onset to Death   |
|--|---|---|
| <p><b>PART I.</b> Enter the chain of events -- diseases, injuries, or complications -- that directly caused the death. DO NOT enter terminal events such as cardiac arrest, respiratory arrest, or ventricular fibrillation without showing the etiology. DO NOT ABBREVIATE. Enter only one cause on a line:</p> <p><b>IMMEDIATE CAUSE</b> (Final disease or condition resulting in death) ➡</p> <p>Sequentially list conditions, if any, leading to the cause listed on line a. Enter the <b>UNDERLYING CAUSE</b> <b>LAST</b> (disease or injury that initiated the events)</p> <p>a. <u>Accidental overdose of</u><br/>DUE TO (or as a consequence of):</p> <p>b. <u>acute combined poisoning with</u><br/>DUE TO (or as a consequence of):</p> <p>c. <u>Methadone, Hydrocodone, Promethazine</u><br/>DUE TO (or as a consequence of):</p> <p>d. _____</p> |   |   |
| <p><b>PART II.</b> Enter <u>other significant conditions contributing to death</u> but not resulting in the underlying cause given in Part I</p> <p>Depression, schizophrenia, chronic pain</p>  |   | <p><b>MANNER OF DEATH</b></p> <p><input type="checkbox"/> Natural <input type="checkbox"/> Homicide</p> <p><input checked="" type="checkbox"/> Accident <input type="checkbox"/> Pending Investigation</p> <p><input type="checkbox"/> Suicide <input type="checkbox"/> Could not be determined</p> |
| <p><b>DID TOBACCO USE CONTRIBUTE TO DEATH?</b></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><input type="checkbox"/> Probably <input checked="" type="checkbox"/> Unknown</p>  | <p>DESCRIBE HOW INJURY OCCURRED. IF TRANSPORTATION INJURY, STATE THE TYPE(S) OF VEHICLE(S) INVOLVED (Automobile, pickup, motorcycle, ATV, bicycle, etc.) SPECIFY WHICH VEHICLE DECEDENT OCCUPIED, if applicable</p> <p>Was having pain, kept taking pills not aware of effect</p> |   |

## SUICIDE EXAMPLE

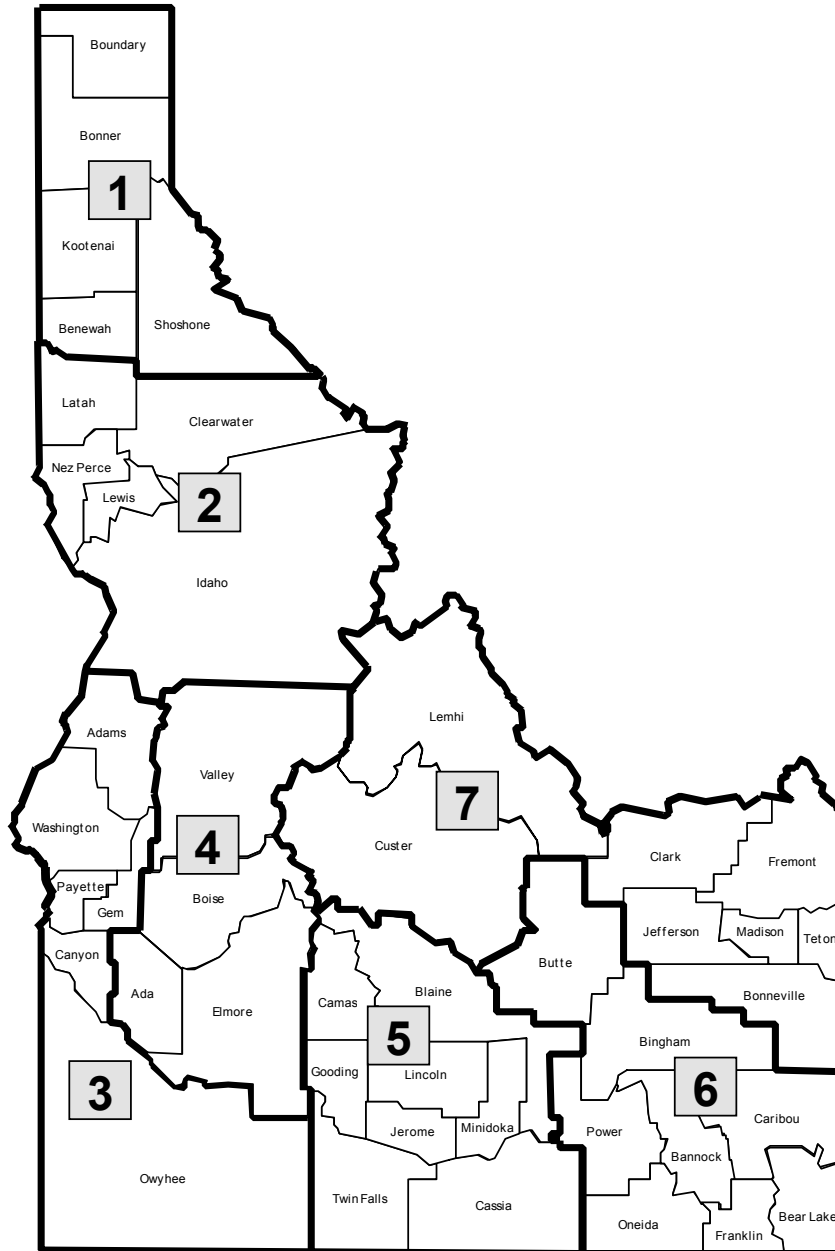
According to The National Association of Medical Examiners, a drug overdose is determined a suicide when the “results from an injury or poisoning is a result of an intentional, self-inflicted act committed to do self-harm or cause the death of one’s self.”

The medical examiner or coroner may not indicate on the death certificate how they determined the death was a suicide. For example, if the decedent left a suicide note, the medical examiner or coroner may choose not to mention it on the death certificate and would check the suicide checkbox. The underlying cause of death for this example is ICD-10 code X64.

| CAUSE OF DEATH   |   | Approximate Interval:<br>Onset to Death   |
|--|---|---|
| <p><b>PART I.</b> Enter the chain of events -- diseases, injuries, or complications -- that directly caused the death. DO NOT enter terminal events such as cardiac arrest, respiratory arrest, or ventricular fibrillation without showing the etiology. DO NOT ABBREVIATE. Enter only one cause on a line:</p> <p><b>IMMEDIATE CAUSE</b> (Final disease or condition resulting in death) ➡</p> <p>Sequentially list conditions, if any, leading to the cause listed on line a. Enter the <b>UNDERLYING CAUSE</b> <b>LAST</b> (disease or injury that initiated the events)</p> <p>a. <u>Acute drug overdose</u><br/>DUE TO (or as a consequence of):</p> <p>b. _____<br/>DUE TO (or as a consequence of):</p> <p>c. _____<br/>DUE TO (or as a consequence of):</p> <p>d. _____</p> |   |   |
| <p><b>PART II.</b> Enter <u>other significant conditions contributing to death</u> but not resulting in the underlying cause given in Part I</p>   |   | <p><b>MANNER OF DEATH</b></p> <p><input type="checkbox"/> Natural <input type="checkbox"/> Homicide</p> <p><input type="checkbox"/> Accident <input type="checkbox"/> Pending Investigation</p> <p><input checked="" type="checkbox"/> Suicide <input type="checkbox"/> Could not be determined</p> |
| <p><b>DID TOBACCO USE CONTRIBUTE TO DEATH?</b></p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p><input type="checkbox"/> Probably <input type="checkbox"/> Unknown</p>  | <p>DESCRIBE HOW INJURY OCCURRED. IF TRANSPORTATION INJURY, STATE THE TYPE(S) OF VEHICLE(S) INVOLVED (Automobile, pickup, motorcycle, ATV, bicycle, etc.) SPECIFY WHICH VEHICLE DECEDENT OCCUPIED, if applicable</p> <p>Took alprazolam, codeine, carisprodol, meprobamate &amp; diphenhydramine</p> |   |

## Appendix

### Counties Comprising Idaho Public Health Districts



| District 1  | District 2   | District 3  | District 4                       | District 5  | District 6   | District 7   |
|---|--|---|----------------------------------|---|--|--|
| Benewah<br>Bonner<br>Boundary<br>Kootenai<br>Shoshone | Clearwater<br>Idaho<br>Latah<br>Lewis<br>Nez Perce | Adams<br>Canyon<br>Gem<br>Owyhee<br>Payette<br>Washington | Ada<br>Boise<br>Elmore<br>Valley | Blaine<br>Camas<br>Cassia<br>Gooding<br>Jerome<br>Lincoln<br>Minidoka<br>Twin Falls | Bannock<br>Bear Lake<br>Bingham<br>Butte<br>Caribou<br>Franklin<br>Oneida<br>Power | Bonneville<br>Clark<br>Custer<br>Fremont<br>Jefferson<br>Lemhi<br>Madison<br>Teton |

**Technical Notes**  
**Idaho Resident Drug-Induced Deaths**  
**2004-2006**

**Drug-Induced Deaths**

Drug-induced deaths as classified by the National Center for Health Statistics (NCHS). The list of codes included in drug-induced causes was expanded in 2003 to be more comprehensive. ICD-10 codes: D52.1, D59.0, D59.2, D61.1, D64.2, E06.4, E16.0, E23.1, E24.2, E27.3, E66.1, F11.0-F11.5, F11.7-F11.9, F12.0-F12.5, F12.7-F12.9, F13.0-F13.5, F13.7-F13.9, F14.0-F14.5, F14.7-F14.9, F15.0-F15.5, F15.7-F15.9, F16.0-F16.5, F16.7-F16.9, F17.0, F17.3-F17.5, F17.7-F17.9, F18.0-F18.5, F18.7-F18.9, F19.0-F19.5, F19.7-F19.9, G21.1, G24.0, G25.1, G25.4, G25.6, G44.4, G62.0, G72.0, I95.2, J70.2-J70.4, L10.5, L27.0, L27.1, M10.2, M32.0, M80.4, M81.4, M83.5, M87.1, R78.1-R78.5, X40-X44, X60-X64, X85, and Y10-Y14. Drug-induced deaths include deaths due to drug psychosis; drug dependence; nondependent use of drugs not including alcohol and tobacco; accidental poisoning by drugs, medicaments, and biologicals; intentional self-poisoning (suicide) by drugs, medicaments, and biologicals; assault (homicide) by poisoning by drugs and medicaments; and poisoning by drugs, medicaments, and biologicals, undetermined whether accidental or purposely inflicted. Drug-induced deaths do not include newborn deaths associated with mother's drug use or accidents such as falls and motor vehicle crashes, homicides, and other causes indirectly related to drug use.

ICD-10 Code F17.9: unspecified mental and behavioural disorder due to use of tobacco (chain, former, life long, or packs per day). The question 'Did tobacco use contribute to cause of death?' was added to the death certificate in 2003. Prior to 2003, deaths that were ill-defined or had an unknown cause of mortality listed on the death certificate were coded to ICD-10 codes R96-R99.9. Beginning in 2003, deaths that were ill-defined or had an unknown cause of mortality listed on the death certificate were coded to ICD-10 codes R96-R99.9, if the question 'Did tobacco use contribute to cause of death?' was marked no or unknown. If the question 'Did tobacco use contribute to cause of death?' was marked yes or probably, deaths that were ill-defined or had an unknown cause of mortality listed on the death certificate were coded to ICD-10 code F17.9.

Idaho Vital Records receives death records for Idaho resident deaths occurring out of state. These records list the ICD-10 code for underlying cause of death. However, literal information on immediate cause, conditions leading to the immediate cause, underlying cause, other significant contributing conditions, and description of how the injury occurred are not provided to Idaho Vital Records. Therefore, only substances listed on death certificates to Idaho residents occurring in Idaho are shown in tables 4-7.

**Substances Listed on Death Certificate**

Includes all substances listed on the Idaho death certificate on one or more of the following lines: immediate cause, conditions leading to the immediate cause, underlying cause, other significant contributing conditions, and description of how the injury occurred. Each death certificate may list one or more specific substance(s) or no specific substance.

**Other Antiepileptic Sedative-Hypnotic, Antiparkinsonism, and Psychotropic\***

Other, includes antianxiety, antitussive, sedatives, tranquilizers, etc.

|                  |                |
|------------------|----------------|
| Ambien           | Meprobamate    |
| Buspirone        | Sleeping pills |
| Dextromethorphan | Valproic Acid  |

**Other Known (named) Medicaments, and Biological Substances\***

Includes the following substances named on the death certificate that are not elsewhere classified:

|                |               |
|----------------|---------------|
| Helium         | Oxcarbazepine |
| Insulin        | Potassium     |
| Lisinopril     | Tobramycin    |
| Metaclopramide | Verapamil     |

\*Only includes those substances listed on an Idaho death certificate in 2004, 2005, or 2006.

Data may differ from previously published data due to updates in the data base or coding practices.

Source: Idaho Department of Health and Welfare, Bureau of Vital Records and Health Statistics (04/2008).